

A sound pressure level calibrator, which is suitable for sound pressures to be measured in excess of 124 dB and which can be adapted to the installed sound pressure level sensor. This object is attained by a sound pressure level calibrator comprising a pistonphone and a high-pressure adapter connected to the output of the pistonphone. The high-pressure adapter acts as a resonator. With an expanded adapter opening the high-pressure adapter is connected in soundproof manner with the sound pressure level sensor, which is inserted into a structure. The invention can be used for a sound pressure level calibrator to calibrate a sound pressure level sensor, which is integrated into a structure.